

REMARKS

Claims 1-25 are pending in the present application. By this reply, claims 20-25 have been added. Claims 1, 10, 22 and 24 are independent claims.

ALLOWABLE SUBJECT MATTER

Applicants appreciate the Examiner's indication that claims 3-4 and 12-14 are objected to as being dependent upon a rejected base claim, but will be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

New claims 22-25 contain similar allowable subject matter of claims 3-4 and 12-14 and are thus believed to be allowable.

35 U.S.C. § 102(e) REJECTION

Claims 1, 2, 5-11 and 15-19 have been rejected under 35 U.S.C. § 102(e) as being anticipated by *Dougherty et al.* (U.S. Patent No. 6,198,509). This rejection, insofar as it pertains to the presently pending claims, is respectfully traversed.

Regarding independent claims 1 and 10, the Examiner provides rather a brief and minimal discussion on how the claims are read by *Dougherty et al.* Particularly, the Examiner states that "*Dougherty* shows a selector (250), a data processor (216), a decoder (218), a storage (226), a display (230) and [a]

controller (222)" on page 2 of the Office Action and thus rejects the independent claims.

Dougherty et al. is directed to an interactive information system that receives broadcaster information such that a receiving device can identify the desired tune frequency using the broadcaster information. As shown in Fig. 1 of *Dougherty et al.*, when a TV displays a program where a politician 114 is giving a speech, a form 116 having a border 130 is displayed over the program being displayed. The form 116 allows a user to make selections from the form 116 and to transmit the user's responses appropriately. However, *Dougherty et al.* in nowhere discloses that the user can select an object displayed in the displayed program. For example, the user in *Dougherty et al.* is not able to select the politician 114 displayed in the displayed program. Rather, the stored form 116 is displayed in association with the entire program being displayed and not with any particular object displayed in the displayed program and selected by the user.

In contrast, in Applicants' invention, the user is able to select a particular object (for example, a person or item) displayed as part of the program being displayed and to receive detail information on the selected object. This provides a more user-friendly and user-specific device and method for providing detail information to the user.

Thus, *Dougherty et al.* does not anticipate:

a display which displays an object information stored in the storage when the user. . . requests to view detail information on a particular object being displayed in the selected program and selected by the user from the objects displayed in the selected program, where said object information corresponds to the object being displayed and selected by the user

as recited by independent claim 1; and

displaying an object information stored when the user requests to view detail information on a particular object being displayed in the selected program and selected by the user from the objects displayed in the selected program, where said object information corresponds to the object being displayed and selected by the user

as required by independent claim 10.

Accordingly, independent claims 1 and 10 and their dependent claims (due to their dependency) are patentable over the prior art, and reconsideration and withdrawal of the rejection based on these reasons is respectfully requested.

CONCLUSION

For the foregoing reasons and in view of the above clarifying amendments, Applicants respectfully request the Examiner to reconsider and withdraw all of the objections and rejections of record, and earnestly solicit an early issuance of a Notice of Allowance.

Should there be any outstanding matters which need to be resolved in the present application, the Examiner is respectfully requested to contact

Esther H. Chong (Registration No. 40,953) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

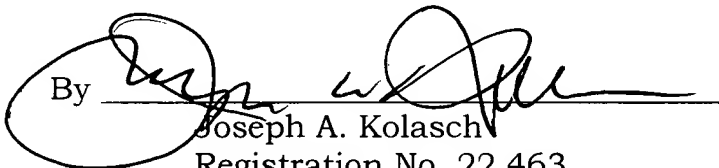
Attached hereto is a marked-up version of the changes made to the application by this Amendment.

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By



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Enclosures: Version with Markings to Show Changes Made

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Claims

The claims have been amended as follows:

1. (Twice Amended) An apparatus for displaying additional information, the apparatus comprising:

a selector which receives a program selection input from a user and which includes a key for requesting detail information on a selected object in a selected program;

a data processor which receives broadcasting signals, selects and demodulates from the received broadcasting signals the selected program, and separates additional information from the demodulated signal;

a decoder which detects from the additional information, detail information on each of certain objects in the selected program being displayed, and decodes the detail information into a plurality of object information;

a storage which stores the plurality of object information;

a display which displays an object information stored in the storage when the user, through said key on the selector, requests to view detail information on a particular object being displayed in the selected program and selected by the user from the objects displayed in the selected program, [through said key on the selector,] where said object information corresponds

to the object being displayed and selected by the user [from the objects of the selected program]; and

a controller which controls the separation of the additional information data, the decoding of the detail information, the storing of the plurality of object information, and the display of the object information.

2. (Twice Amended) An apparatus of claim 1, further comprising a connector [modem] through which the controller connects to an external source to obtain detail information in response to a request from the user to view detail information.

3. (Twice Amended) An apparatus of claim 2, wherein the controller connects to a network [an Internet] to search for the detail information requested by the user when said detail information is not included in the additional information.

10. (Twice Amended) A method for displaying additional information, the method comprising:

receiving a program selection input from a user through a selector which includes a key for requesting detail information on a selected object in a selected program;

receiving broadcasting signals, selecting and demodulating from the received broadcasting signals a program selected by the user through the selector, and separating additional information from the demodulated signal;

detecting from the additional information, detail information on each of certain objects in the selected program being displayed, and decoding the detail information into a plurality of object information;

storing the plurality of object information; and

displaying an object information stored [in the storage] when the user requests to view detail information on a particular object being displayed in the selected program and selected by the user from the objects displayed in the selected program, where said object information corresponds to the object being displayed and selected by the user [from the objects of the selected program].

12. (Twice Amended) A method of claim 11, wherein the connecting step connects to a network [an Internet] to search for the detail information requested by the user when said detail information is not included in the additional information.

Claims 20-25 have been added.